

## CLAIMS

What is claimed is:

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- 002-50-1226500
- 1 1. A method of supporting development of a phone application code for a computer  
2 based phone application platform having a network interface and a telephone interface, the  
3 method comprising:  
4 receiving over the network interface from a remote computer the phone application  
5 code;  
6 associating the phone application code with a telephone number for communicating  
7 with the telephone interface; and  
8 responsive to receiving a telephone call via the telephone number, executing the phone  
9 application code and presenting an audio output over the telephone interface and  
10 presenting a call flow to the remote computer over the network interface.
  - 1 2. The method of claim 1, wherein the call flow shows the flow of program control in the  
2 phone application code during the telephone call.
  - 1 3. The method of claim 1, wherein the call flow includes information for debugging the  
2 phone application code.
  - 1 4. The method of claim 1, wherein the call flow concurrent with execution of phone  
2 application code on the computer based phone application platform.
  - 1 5. The method of claim 1, wherein the receiving comprises receiving an HTTP request  
2 including form data, the form data comprising the phone application code.



responsive to receiving a telephone call via the telephone number, executing the phone application code and presenting an audio output over the telephone interface and presenting a call flow to the remote computer over the network interface.

11. The method of claim 10, wherein the reference comprises a uniform resource locator (URI).

12. The method of claim 10, wherein the executing further comprises retrieving the phone application code from the reference over the network interface.

13. The method of claim 10, wherein the call flow concurrent with execution of phone application code on the computer based phone application platform.

14. The method of claim 10, wherein the computer based phone application platform operated by a first legal entity and wherein the remote computer operated by a second legal entity different from the first legal entity.

15. A method of supporting remotely hosted phone application development for a phone application platform using a first computer system, the first computer system supporting a web interface, the method comprising:

receiving over the web interface a uniform resource identifier (URI) from a second computer system, the URI corresponding to the location of a phone application; responsive to the receiving the URI, sending a first message to the phone application platform using the first computer system, the first message corresponding to a request to make the phone application located at the URI available on the phone application platform at a telephone number; and upon receiving a request from the second computer system on the first computer system, presenting to the second computer a debugging information generated by

12 calls to the telephone number for the phone application on the phone application  
13 platform.

1 16. The method of claim 15, further comprising sending a second message to the second  
2 computer system, the second message indicating the telephone number for accessing the  
3 phone application on the phone application platform;

1 17. The method of claim 15, wherein the presenting updated with execution of the phone  
2 application on the phone application platform.

1 18. The method of claim 15, wherein the presenting provides the debugging information  
2 in an extensible markup language (XML).

1     19.     The method of claim 15, wherein the presenting capable of selecting the debugging  
2     information for a particular ongoing execution of the phone application on the phone  
3     application platform.

1     20.     The method of claim 15, wherein the presenting capable of selecting the debugging  
2     information for all ongoing executions of the phone application on the phone application  
3     platform.

21. The method of claim 15, further comprising a web interface for controlling debugging output by the phone application platform for the phone application.

1     22.     The method of claim 21, wherein the controlling debugging output comprises  
2     selecting one or more or debugging output from phone application states, phone application  
3     events, phone application field fills, phone application variables, and custom debugging  
4     messages.

1 23. The method of claim 15, wherein the debugging information in the XML comprises a  
2 hypertext markup language with color coded messages, and wherein different colors are used  
3 for different types of messages.

1 24. The method of claim 15, wherein responsive to the sending the first message, the  
2 phone application platform configured to retrieve and execute the phone application at the  
3 URI responsive to a call to the telephone number.

1 25. The method of claim 24, wherein the phone application platform configured to execute  
2 the phone application responsive to receipt of an identifier at start of a call to the telephone  
3 number.

1 26. The method of claim 24, wherein the phone application provided by a developer  
2 having a corresponding identifier, and wherein the phone application platform configured to  
3 execute the phone application responsive to receipt of the identifier at start of a call to the  
4 telephone number.

1 27. The method of claim 15, wherein the phone application comprises an application  
2 written in an XML-based voice application language.

1 28. An apparatus for developing a phone application code, the apparatus comprising:  
2 a network interface for receiving a reference to the phone application code;  
3 a telephone interface to send and receive audio signals to and from the telephone; and  
4 a control subsystem to control the Internet interface and the telephone interface, the  
5 control subsystem including at least one program for  
6 receiving over the network interface from a remote computer a reference to the  
7 phone application code;

8 associating the phone application code with a telephone number for  
9 communicating with the telephone interface using the reference, and  
10 responsive to receiving a telephone call via the telephone number, executing the  
11 phone application code and presenting an audio output over the telephone  
12 interface and presenting a call flow to the remote computer over the network  
13 interface.

1 29. An apparatus for remotely hosted phone application development, the apparatus  
2 comprising:  
3 means for receiving over a web interface a uniform resource identifier (URI) from a  
4 computer system, the URI corresponding to the location of a phone application;  
5 means for sending a first message to a phone application platform responsive to the  
6 receiving the URI,, the first message corresponding to a request to make the phone  
7 application located at the URI available on the phone application platform at a  
8 telephone number; and  
9 means for presenting to the second computer a call flow information generated by  
10 calls to the telephone number for the phone application on the phone application  
11 platform upon receiving a request from the computer system.